CLAIMS:

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- 1. A method of filtering an information signal, the method comprising modifying frequency domain components of the information signal according to a desired filter response; wherein the step of modifying frequency domain components further comprises modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information; related to a previous frame of the information signal.
  - 2. A method according to claim 1, wherein the method further comprises
- 10 segmenting an information signal into a number of signal frames;
  - transforming the signal frames to obtain frequency domain components of the respective signal frames;
  - inverse transforming the modified frequency domain components to obtain filtered signal frames; and
- performing a recombination operation of the filtered signal frames to obtain a filtered information signal.
- A method according to claim 2, wherein the function of the desired filter response and information related to a previous frame is selected as to reduce artifacts
  introduced by the step of performing a recombination operation.
  - 4. A method according to claim 2, wherein the recombination operation comprises an overlap-add operation.
- 5. A method according to claim 1, wherein the information related to a previous frame is comprises at least one of the actual filter response and the desired filter response of a previous frame of the information signal.

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- 6. A method according to claim 1, wherein the step of modifying frequency domain components of a first frame further comprises
- determining a desired filter response for the first frame;

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- determining the first actual filter response for the first frame as a function of the desired filter response and at least a second filter response related to a previous frame of the information signal; and
  - applying the determined actual first filter response to the first frame to obtain modified frequency domain components of the first frame.
- 7. A method according to claim 6, wherein the step of determining the first actual filter response comprises
  - determining a phase difference of a frequency component of the desired filter response for the first frame and a corresponding frequency component of the filter response of a previous frame;
- 15 determining a desired phase change as a function of the determined phase difference; and
  - determining a frequency component of the first actual filter response as the corresponding frequency component of the filter response of a previous frame modified by a phase change factor comprising the determined desired phase change.
- 20 8. A method according to claim 7, wherein the function of the determined phase difference is a cut-off function limiting the phase difference to be smaller than a predetermined threshold value.
- 9. A method according to claim 6, wherein the function of the desired filter response and information related to a previous frame is selected to reduce phase changes of the filter response.
  - 10. A method according to claim 9, wherein said reduction of phase changes of the filter response is made dependant on a measure of tonality.
  - 11. A method according to claim 1, wherein the information signal is an audio signal.

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12. An arrangement for filtering an information signal, the arrangement comprising means for modifying frequency domain components of the information signal according to a desired filter response; wherein the means for modifying frequency domain components of the information signal comprises means for modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information related to a previous frame of the information signal.

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- 13. An electronic device comprising an arrangement for filtering an information signal, the arrangement comprising means for modifying frequency domain components of the information signal according to a desired filter response; wherein the means for modifying frequency domain components of the information signal comprises means for modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information related to a previous frame of the information signal.
  - 14. A filtered information signal generated by a method of filtering an information signal, the method comprising modifying frequency domain components of the information signal according to a desired filter response; wherein the step of modifying frequency domain components further comprises modifying frequency domain components of a first frame of said information signal according to a first actual filter response, the first actual filter response being a function of the desired filter response and information related to a previous frame of the information signal.

15. A storage medium having stored thereon a information signal according to claim 14.